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Signature

Pam Rahmatdoost

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.: 10/735,312 Confirmation No.: 5062  
Applicant: Moriarty, et al.  
Filed: December 12, 2003  
TC/A.U. 3672  
Examiner: William P Neuder  
  
Docket No.: 19.0353 US  
Customer No.:  
Title: Directional Casing Drilling

Mail Stop Petition  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Sir:

In response to the Office Action dated June 6th, 2005, applicant submits the following:

**Listing of the Claims** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 4 of this paper.